L Number	Hits	Search Text	DB	Time stamp
-	13190	file same system same manag\$5	USPAT; EPO; JPO	2003/10/28 14:11
_	3526	file same system same manag\$5 and	USPAT;	2002/12/12
	3320	transaction	EPO; JPO	11:06
_	158	file same system same manag\$5 and	USPAT;	2002/12/12
	67	transaction and commit and roll\$back file same system same manag\$5 and	EPO; JPO USPAT;	11:07 2002/12/12
_	67	transaction and commit and roll\$back and	EPO; JPO	11:06
		communicat\$4 same protocol		
-	0	file same system same manag\$5 and	USPAT;	2002/12/12
		transaction and commit and roll\$back and communicat\$4 same protocol and xdsm	EPO; JPO	10:57
_	0	file same system same manag\$5 and	USPAT;	2002/12/12
	_	transaction and commit and roll\$back and	EPO; JPO	10:57
		communicat\$4 same protocol and "xdsm"	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2002/12/12
_	52	file same system same manag\$5 and transaction and commit and roll\$back and	USPAT; EPO; JPO	2002/12/12
		communicat\$4 same protocol and access	1 210, 010	
		same file		
_	4		USPAT;	2002/12/12
		transaction and commit and roll\$back and communicat\$4 same protocol and access	EPO; JPO	10.50
		same file and stack\$4 same file		
_	3	file same system same manag\$5 and	USPAT;	2002/12/12
		transaction and commit and roll\$back and	EPO; JPO	10:59
		communicat\$4 same protocol and access same file and stack\$4 same file and		
		data\$base		
· <b>-</b>	0	707/\$.ccls. and file same system same	USPAT;	2002/12/12
:		manag\$5 and transaction and commit and	EPO; JPO	11:00
		roll\$back and communicat\$4 same protocol and access same file and stacked		
_	3	707/\$.ccls. and file same system same	USPAT;	2002/12/12
		manag\$5 and transaction and commit and	EPO; JPO	11:00
		roll\$back and communicat\$4 same protocol and access same file and stack		
_	3	707/\$.ccls. and file same system same	USPAT;	2002/12/12
		manag\$5 and transaction and commit and	EPO; JPO	11:05
		roll\$back and communicat\$4 same protocol		
	27	and access same file and stack\$4 707/\$.ccls. and file same system same	USPAT;	2002/12/12
_	2'	manag\$5 and transaction and commit and	EPO; JPO	11:19
		roll\$back and communicat\$4 same protocol		
	_	and access same file	Henne.	2002/12/12
_	6	707/\$.ccls. and xdsm	USPAT; EPO; JPO	11:05
_	0	file same system same manag\$5 and	USPAT;	2002/12/12
		transaction and commit and roll\$back and	EPO; JPO	11:06
		communicat\$4 same protocol and access		
_	n	same file and xdsm file same system same manag\$5 and	USPAT;	2002/12/12
		transaction and commit and roll\$back and	EPO; JPO	11:06
		communicat\$4 same protocol and xdsm		2002/12/12
_	0	file same system same manag\$5 and transaction and commit and roll\$back and	USPAT; EPO; JPO	2002/12/12
		xdsm	1210, 010	
_	4	file same system same manag\$5 and	USPAT;	2002/12/12
		transaction and xdsm	EPO; JPO	11:07
_	0	file same system same manag\$5 and transaction and xdsm and commit	USPAT; EPO; JPO	2002/12/12
_	. 0		USPAT;	2002/12/12
		transaction and xdsm and commit	EPO; JPO	11:07
_	0	file same system same manag\$5 and	USPAT;	2002/12/12
		transaction and commit and roll\$back and xdsm	EPO; JPO	11:07
_	0	1 1112 11	USPAT;	2002/12/12
	1	transaction and commit and roll\$back and	EPO; JPO	11:07
	1	xdsm same protocol .		

-	0	file same system same manag\$5 and	USPAT;	2002/12/12
ŀ		transaction and xdsm same protocol	EPO; JPO	11:08
-	4	file same system same manag\$5 and	USPAT; EPO; JPO	2002/12/12 11:09
	7	transaction and xdsm xdsm	USPAT;	2002/12/12
-	′	XUSIII	EPO; JPO	11:12
_	206	data adj storage adj management	USPAT;	2002/12/12
			EPO; JPO	11:57
-	7	data adj storage adj management and xdsm	USPAT;	2002/12/12
			EPO; JPO	11:17
-	0	data adj storage adj management and xdsm	USPAT;	2002/12/12
		same protocol	EPO; JPO USPAT;	11:17
-	9	707/\$.ccls. and file same system same manag\$5 and transaction and commit and	EPO; JPO	11:22
		roll\$back and communicat\$4 same protocol	шо, ото	
		and access same file and data adj storage		
_	.0	707/\$.ccls. and file same system same	USPAT;	2002/12/12
		manag\$5 and transaction and commit and	EPO; JPO	11:20
		roll\$back and communicat\$4 same protocol		
		and access same file and data adj storage		
Į	,	adj management	USPAT;	2002/12/12
_	1	707/\$.ccls. and file same system same manag\$5 and transaction and commit and	EPO; JPO	11:22
		roll\$back and communicat\$4 same protocol	210, 010	
		and access same file and data adj storage		
		same management		
-	0	707/\$.ccls. and file adj system same	USPAT;	2002/12/12
		manag\$5 and transaction and commit and	EPO; JPO	11:22
		roll\$back and communicat\$4 same protocol		
		and access same file and data adj storage		
1	_	same management 707/\$.ccls. and file adj system same	USPAT;	2002/12/12
-	·	manag\$5 and transaction and commit and	EPO; JPO	11:28
		roll\$back and communicat\$4 same protocol		
		and access same file and data adj storage		
-	3		USPAT;	2002/12/12
		manag\$5 and transaction and commit and	EPO; JPO	11:29
		roll\$back and communicat\$4 same protocol		
		and access same file and data adj storage		
	53	and transaction\$4 near4 function\$5 707/\$.ccls. and data adj storage adj	USPAT;	2002/12/12
-	33	management	EPO; JPO	11:58
_	1	707/\$.ccls. and data adj storage adj	USPAT;	2002/12/12
	_	management same protocol	EPO; JPO	12:02
_	- 4	707/\$.ccls. and stacked adj file	USPAT;	2002/12/12
			EPO; JPO	15:39
-	2	707/\$.ccls. and stacked adj file and	USPAT; EPO; JPO	2002/12/12
1_		transaction   stacked adj file and transaction	USPAT;	2002/12/12
-	2	stacked add title and chamsaccion	EPO; JPO	15:38
_	2	707/\$.ccls. and stacked adj file and	USPAT;	2002/12/12
		(benefit advantage improve\$5) same	EPO; JPO	15:40
1		stack\$5		1
-	0		USPAT;	2002/12/12
	_	(benefit advantage) same stack\$5	EPO; JPO	15:41
-	7	, ,	USPAT; EPO; JPO	2002/12/12 15:41
1_	39	same stack\$5   707/\$.ccls. and stack\$4 near4 file and	USPAT;	2002/12/12
1	1 39	transaction	EPO; JPO	15:42
_	17	707/\$.ccls. and stack\$4 near4 file and	USPAT;	2002/12/12
		transaction and commit	EPO; JPO	15:42
_	0		USPAT;	2002/12/12
		transaction and commit and roll\$back	EPO; JPO	15:43
-	0	707/\$.ccls. and stack\$4 near4 file adj	USPAT;	2002/12/12
		system and transaction and commit and	EPO; JPO	15:43
1_	2	roll\$back 707/\$.ccls. and stack\$4 near4 file adj	USPAT;	2002/12/12
-		system and transaction and commit	EPO; JPO	15:45
-	3	707/\$.ccls. and stack\$4 near4 file adj	USPAT;	2002/12/12
		system and transaction	EPO; JPO	15:46
	A.,			

-	1	707/\$.ccls. and "stacked file system"	USPAT; EPO; JPO	2002/12/12 15:48
_	0	transaction and "stacked file system"	USPAT;	2002/12/12
_	1	"stacked file system"	EPO; JPO USPAT;	15:48   2002/12/12
†		<u>-</u>	EPO; JPO	15:48
-	462	hierarchical with file adj system	USPAT; EPO; JPO;	2003/05/20 13:30
			IBM_TDB	2002/05/20
-	112	manag\$4 same hierarchical with file adj system	USPAT; EPO; JPO;	2003/05/20 13:30
			IBM_TDB	
-	20	manag\$4 same hierarchical with file adj system and file adj format	USPAT; EPO; JPO;	2003/05/20
		_	IBM_TDB	2007/05/20
-	0	manag\$4 same hierarchical with file adj   system and (various multiple) adj file	USPAT; EPO; JPO;	2003/05/20 13:31
		adj format	IBM_TDB	2000/05/00
-	2	manag\$4 same hierarchical with file adj system and file adj format and (multiple	USPAT; EPO; JPO;	2003/05/20 14:27
		various different) adj format	IBM_TDB	
-	1	manag\$4 same hierarchical with file adj system and file adj format and (multiple	USPAT; EPO; JPO;	2003/05/20
		various different) adj format and unknown	IBM_TDB	
_	10	adj format hierarchical with file adj system and	USPAT;	2003/05/20
_		file adj format and (multiple various	EPO; JPO;	14:29
_	1	different) adj format hierarchical with file adj system and	IBM_TDB USPAT;	2003/05/20
		file adj format and (multiple various	EPO; JPO;	15:00
		different) adj format and unknown with format	IBM_TDB	
_	2	file adj system and file adj format and	USPAT;	2003/05/20
		(multiple various different) adj format and unknown with format	EPO; JPO; IBM TDB	14:39
_	228	hierarchical adj file adj system	USPAT;	2003/05/20
			EPO; JPO; IBM TDB	15:03
-	36	hierarchical adj file adj system and file	USPĀT;	2003/05/20
		adj format	EPO; JPO; IBM TDB	15:03
_	0		USPĀT;	2003/05/20
		adj format and (different multiple various) adj format and unknown adj	EPO; JPO; IBM TDB	15:02
		format	_	2002/05/20
-	0	hierarchical adj file adj system and file adj format and unknown adj format	USPAT; EPO; JPO;	2003/05/20 15:02
	-		IBM_TDB	
-	0	hierarchical adj file adj system and unknown adj format	USPAT; EPO; JPO;	2003/05/20 15:03
			IBM_TDB	2002/05/20
_	6	hierarchical adj file adj system and file adj format and (different multiple	USPAT; EPO; JPO;	2003/05/20 15:03
		various) adj format	IBM_TDB	2003/10/28
-	65	hierarch\$4 adj file and transaction and manager	USPAT; EPO; JPO	14:13
-	37	hierarch\$4 adj file adj system and	USPAT; EPO; JPO	2003/10/28 14:13
_	17	transaction and manager hierarch\$4 adj file adj system and	USPAT;	2003/10/28
		transaction and manager and resource with	EPO; JPO	14:14
		manag\$4 and resource with relat\$4 with file		
-	0	hierarch\$4 adj file adj system and	USPAT; EPO; JPO	2003/10/28 14:15
		transaction and manager and resource with manag\$4 and resource with relat\$4 with	EFO, UFO	13.10
		file and commit\$4 and roll\$back\$4	USPAT;	2003/10/28
_		hierarch\$4 adj file adj system and transaction and manager and resource with	EPO; JPO	14:16
		manag\$4 and resource with relat\$4 with		
1		file and commit\$4 and roll\$back		<u> </u>

_	0	hierarch\$4 adj file adj system and transaction and manager and resource with	USPAT; EPO; JPO	2003/10/28 14:16
-			EPO; JPO	14:16
-				
-		manag\$4 and resource with relat\$4 with		
-		file and commit\$4		•
	17	hierarch\$4 adj file adj system and	USPAT;	2003/10/28
l l		transaction and manager and resource with	EPO; JPO	14:17
		manaq\$4 and resource with relat\$4 with		
		file		
_	3	hierarch\$4 adj file adj system and	USPAT;	2003/10/28
		transaction and manager and commit\$4 and	EPO; JPO	14:17
		roll\$back		
-	26	hierarch\$4 adj file adj system and	USPAT;	2003/10/28
		transaction and manager and resource with	EPO; JPO	14:22
		manag\$4		
_	0	transaction adj proram	USPAT;	2003/10/29
			US-PGPUB;	08:24
			EPO; JPO;	
			IBM TDB	
_	560	transaction adj program	USPAT;	2003/10/29
			US-PGPUB;	08:24
			EPO; JPO;	
			IBM TDB	
_	3	transaction adj program and hierarchical	USPAT;	2003/10/29
		adj file	US-PGPUB;	08:40
			EPO; JPO;	
		•	IBM TDB	
_	86	manag\$4 with hierarchical adj file	USPAT;	2003/10/29
			US-PGPUB;	08:41
			EPO; JPO;	
			IBM TDB	
_	1	manag\$4 with hierarchical adj file and	USPAT;	2003/10/29
	_	transaction with program	US-PGPUB;	08:43
			EPO; JPO;	
			IBM TDB	
_	4	manag\$4 with hierarchical adj file and	USPAT;	2003/10/29
	-	transaction	US-PGPUB;	08:53
			EPO; JPO;	
-		·	IBM TDB	
_	54	manag\$4 same hierarchical adj file and	USPAT;	2003/10/29
	0.1	transaction	US-PGPUB;	09:19
			EPO; JPO;	
			IBM TDB	
_	1	manag\$4 same hierarchical adj file and	USPAT;	2003/10/29
	_	transaction and commit\$4 and roll\$back	US-PGPUB;	08:54
			EPO; JPO;	
1			IBM TDB	
_	7	manag\$4 and hierarchical adj file and	USPAT;	2003/10/29
	•	transaction and commit\$4 and roll\$back	US-PGPUB;	08:54
			EPO; JPO;	
			IBM TDB	
_	2	manag\$4 and hierarchical adj file and	USPAT;	2003/10/29
	_	transaction and commit\$4 and roll\$back	US-PGPUB;	08:58
		and transaction\$4 with function\$6	EPO; JPO;	
			IBM TDB	
_	5	manag\$4 and hierarchical adj file and	USPAT;	2003/10/29
	J	transaction and commit\$4 and roll\$back	US-PGPUB;	09:14
İ		and transaction\$4 with change with file	EPO; JPO;	
			IBM TDB	
_	2	manag\$4 and hierarchical adj file and	USPAT;	2003/10/29
	2	transaction and commit\$4 and roll\$back	US-PGPUB;	09:14
		and transaction\$4 with change with file	EPO; JPO;	1
		and change with transaction with data	IBM TDB	
_	5		USPAT;	2003/10/29
	7	transaction and commit\$4 and roll\$back	US-PGPUB;	13:23
		and transaction\$4 with change with file	EPO; JPO;	
		and change with (transaction data)	IBM TDB	San
_	1		USPAT;	2003/10/29
		transaction and commit\$4 and roll\$back	US-PGPUB;	09:19
		and transaction\$4 with change with file	EPO; JPO;	
		CHIC CEMINGOCEOMY ATOM CHAMPE WELL TITE	,/	1
	i i	and change with (transaction data) and	IBM TDB	

34	manag\$4 same hierarchical adj file and transaction and manager	USPAT; US-PGPUB; EPO; JPO;	2003/10/29 09:20
1	manag\$4 same hierarchical adj file and	IBM_TDB USPAT;	2003/10/29
	transaction and manager and commit\$4 and roll\$back	EPO; JPO;	09:20
1	manag\$4 same hierarchical adj file and transaction and manager and 707/200-201.ccls.	USPĀT; US-PGPUB; EPO; JPO;	2003/10/29 09:21
32	manag\$4 same hierarchical adj file and transaction and manager and change\$4 with (transaction data) and relat\$4	USPĀT; US-PGPUB; EPO; JPO;	2003/10/29 09:22
2	manag\$4 same hierarchical adj file and transaction and manager and change\$4 with (transaction data) and relat\$4 and	USPĀT; US-PGPUB; EPO; JPO;	2003/10/29 09:22
1	manag\$4 same hierarchical adj file and transaction and manager and change\$4 with (transaction data) and relat\$4 and	USPAT; US-PGPUB; EPO; JPO;	2003/10/29 09:22
4	manag\$4 and hierarchical adj file and transaction and commit\$4 and roll\$back and transaction\$4 with change with file	USPAT; US-PGPUB; EPO; JPO;	2003/10/29 13:23
1	communicat\$4 with protocol	USPAT; US-PGPUB;	2004/04/19 14:45
2	transaction adj manag\$4 and file adj resource adj manag\$4	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2004/04/19 14:46
7	transaction adj manag\$4 and file adj resource with manag\$4	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2004/04/19 14:47
3	transaction with manag\$4 and file adj resource with manag\$4 not business.as.	USPĀT; US-PGPUB; EPO; JPO;	2004/04/19 14:48
13	transaction and file adj resource with manag\$4 not business.as.	USPAT; US-PGPUB; EPO; JPO;	2004/04/19 14:54
421	transaction and file with resource with manag\$4 not business.as.	USPAT; US-PGPUB; EPO; JPO;	2004/04/19 14:54
168	transaction with manag\$4 and file with resource with manag\$4 not business.as.	USPAT; US-PGPUB; EPO; JPO;	2004/04/19 14:55
169	transaction with manag\$4 and file with resource with manag\$4 not (ibm "business machines").as.	USPAT; US-PGPUB; EPO; JPO;	2004/04/19 14:55
0	transaction with manag\$4 and file with resource with manag\$4 not (ibm "business machines").as. and concistent	USPAT; US-PGPUB; EPO; JPO;	2004/04/19 14:56
91	transaction with manag\$4 and file with resource with manag\$4 not (ibm "business machines").as. and consistent	USPĀT; US-PGPUB; EPO; JPO;	2004/04/19 14:56
	1 1 32 2 1 4 1 2 7 3 13 421 168 169	transaction and manager  manag\$4 same hierarchical adj file and transaction and manager and commit\$4 and roll\$back  manag\$4 same hierarchical adj file and transaction and manager and 707/200-201.ccls.  manag\$4 same hierarchical adj file and transaction and manager and change\$4 with (transaction data) and relat\$4  manag\$4 same hierarchical adj file and transaction and manager and change\$4 with (transaction data) and relat\$4 and commit\$4  manag\$4 same hierarchical adj file and transaction and manager and change\$4 with (transaction data) and relat\$4 and commit\$4 and roll\$back\$4  manag\$4 same hierarchical adj file and transaction and manager and change\$4 with (transaction and commit\$4 and roll\$back\$4  manag\$4 and hierarchical adj file and transaction and commit\$4 and roll\$back\$4 and transaction 4 with change with file and change with (transaction data) and communicat\$4 with protocol  transaction adj manager and file adj resource adj manager  transaction adj manag\$4 and file adj resource with manag\$4  transaction with manag\$4 and file adj resource with manag\$4  transaction and file with resource with manag\$4 not business.as.  transaction with manag\$4 and file with resource with manag\$4 not business.as.  transaction with manag\$4 and file with resource with manag\$4 not business.as.  transaction with manag\$4 and file with resource with manag\$4 not business.as.  transaction with manag\$4 not (ibm "business machines").as. and concistent  transaction with manag\$4 not (ibm "business machines").as. and concistent  transaction with manag\$4 not (ibm "business machines").as. and concistent	transaction and manager  manag\$4 same hierarchical adj file and transaction and manager and commit\$4 and roll\$back  manag\$4 same hierarchical adj file and transaction and manager and file and transaction and manager and change\$4 with (transaction data) and relat\$4  manag\$4 same hierarchical adj file and transaction and manager and change\$4 with (transaction data) and relat\$4  manag\$4 same hierarchical adj file and transaction and manager and change\$4 with (transaction data) and relat\$4  manag\$4 same hierarchical adj file and transaction and manager and change\$4 with (transaction data) and relat\$4 and commit\$4 and roll\$back\$4  manag\$4 same hierarchical adj file and transaction and manager and change\$4 with (transaction data) and relat\$4 and commit\$4 and roll\$back\$4  manag\$4 same hierarchical adj file and transaction and commit\$5 with change with file and transaction and commit\$4 and roll\$back\$4  manag\$4 same hierarchical adj file and transaction data) and relat\$4 and commit\$7 with protocol  transaction adj manag\$4 and file adj resource adj manag\$4  transaction adj manag\$4 and file adj resource with manag\$4  transaction adj manag\$4 and file adj resource with manag\$4 not business.as.  transaction and file adj resource with manag\$4 not business.as.  transaction with manag\$4 not business.as.  transaction with manag\$4 and file with resource with manag\$4 not business.as.  transaction with manag\$4 not file with resource

_	54	transaction with manag\$4 and file with resource with manag\$4 not (ibm "business	USPAT; US-PGPUB;	2004/04/19 14:59
		machines").as. and consistent with transaction	EPO; JPO; IBM_TDB	0004/04/10
-	0	transaction with manag\$4 and file with resource with manag\$4 not (ibm "business	USPAT; US-PGPUB;	2004/04/19 15:00
		machines").as. and consistent with transaction and transactional adj	EPO; JPO; IBM TDB	
	6	function\$4 transaction with manag\$4 and file with	USPAT;	2004/04/19
		resource with manag\$4 not (ibm "business machines").as. and consistent with	US-PGPUB; EPO; JPO;	15:01
		transaction and transactional adj	IBM_TDB	
_	6	function \$6 transaction with manag\$4 and file with	USPAT;	2004/04/19 15:01
		resource with manag\$4 not (ibm "business machines").as. and consistent with	US-PGPUB; EPO; JPO;	13.01
		transaction and transaction\$4 adj function\$6	IBM_TDB	
-	52	resource with manag\$4 not (ibm "business	USPAT; US-PGPUB;	2004/04/19   15:05
		machines").as. and consistent with transaction and transaction\$4 with	EPO; JPO; IBM TDB	
_	6	function\$6 transaction with manag\$4 and file with	USPAT;	2004/04/19
	_	resource with manag\$4 not (ibm "business machines").as. and consistent with	US-PGPUB; EPO; JPO;	15:01
		transaction and transactional with functionality	IBM_TDB	
-	0	transaction with manag\$4 and file with resource with manag\$4 not (ibm "business	USPAT; US-PGPUB;	2004/04/19 15:03
		machines").as. and consistent with transaction and transaction\$4 with	EPO; JPO; IBM TDB	
		function\$6 and hierarchical with file with system	_	
-	0	transaction with manag\$4 and file with resource with manag\$4 not (ibm "business")	USPAT; US-PGPUB;	2004/04/19
		machines").as. and consistent with transaction and transaction\$4 with	EPO; JPO; IBM TDB	
		function\$6 and hierarch\$4 with file with system		
-	29	1 *	USPAT; US-PGPUB;	2004/04/19
		machines").as. and consistent with transaction and transaction\$4 with	EPO; JPO; IBM TDB	
	20	function\$6 and hierarch\$4 with file transaction with manag\$4 and file with	USPAT;	2004/04/19
-	29	resource with manag\$4 not (ibm "business machines").as. and consistent with	US-PGPUB; EPO; JPO;	15:03
		transaction and transaction\$4 with function\$6 and hierarch\$4 with file and	IBM_TDB	
		file with system transaction with manag\$4 and file with	USPAT;	2004/04/19
-		resource with manag\$4 not (ibm "business machines").as. and consistent with	US-PGPUB; EPO; JPO;	15:03
		transaction and transaction\$4 with function\$6 and hierarch\$4 with file with	IBM_TDB	
		system transaction with manag\$4 and file with	USPAT;	2004/04/19
		resource with manag\$4 not (ibm "business machines").as. and consistent with	US-PGPUB; EPO; JPO;	15:04
		transaction and transaction\$4 with function\$6 and hierarch\$4 adj file with	IBM_TDB	
		system	USPAT;	2004/04/19
_		transaction with manag\$4 and file with resource with manag\$4 not (ibm "business	US-PGPUB; EPO; JPO;	15:04
		machines").as. and consistent with transaction and transaction\$4 with	IBM_TDB	
		function\$6 and hierarch\$4 adj file and file adj system		

-	0	transaction with manag\$4 and file with resource with manag\$4 not (ibm "business	USPAT; US-PGPUB;	2004/04/19 15:04
		machines").as. and consistent with	EPO; JPO;	
		transaction and transaction\$4 with	IBM_TDB	
		<pre>function\$6 and hierarch\$4 adj file and file with system</pre>		
_	29	transaction with manag\$4 and file with	USPAT;	2004/04/19
		resource with manag\$4 not (ibm "business	US-PGPUB;	15:04
		machines").as. and consistent with	EPO; JPO;	
	1	transaction and transaction\$4 with	IBM_TDB	•
		<pre>function\$6 and hierarch\$4 with file and file with system</pre>		
_	23		USPAT;	2004/04/19
		resource with manag\$4 not (ibm "business	US-PGPUB;	15:06
		machines").as. and consistent with	EPO; JPO;	
1		transaction and transaction\$4 with	IBM_TDB	
_	19	function\$6 not bowman.in. transaction with manag\$4 and file with	USPAT;	2004/04/19
	19	resource with manag\$4 not (ibm "business	US-PGPUB;	15:06
		machines").as. and consistent with	EPO; JPO;	
	]	transaction and transaction\$4 with	IBM_TDB	
		function\$6 not bowman.in. and hierarch\$4	USPAT;	2004/04/19
-	0	transaction with manag\$4 and file with resource with manag\$4 not (ibm "business	US-PGPUB;	15:06
		machines").as. and consistent with	EPO; JPO;	
1		transaction and transaction\$4 with	IBM_TDB	
		function \$6 not bowman.in. and hierarch \$4		
	18	with file   transaction with manag\$4 and file with	USPAT;	2004/04/19
-	10	resource with manag\$4 not (ibm "business	US-PGPUB;	15:06
		machines").as. and consistent with	EPO; JPO;	
		transaction and transaction\$4 with	IBM_TDB	
		function\$6 not bowman.in. and hierarch\$4		
_	18	with system   transaction with manag\$4 and file with	USPAT;	2004/04/20
	10	resource with manag\$4 not (ibm "business	US-PGPUB;	09:20
		machines").as. and consistent with	EPO; JPO;	
		transaction and transaction\$4 with	IBM_TDB	
		function \$6 not bowman.in. and hierarch \$4 with system and file with system		
_	2	transaction with manag\$4 and file with	USPAT;	2004/04/20
	_	resource with manag\$4 not (ibm "business	US-PGPUB;	09:24
		machines").as. not bowman.in. and	EPO; JPO;	
		hierarch\$4 with system and file with	IBM_TDB	
		system and resource with manag\$4 with hierarch\$4		
_	1	transaction with manag\$4 and file with	USPAT;	2004/04/20
		resource with manag\$4 not (ibm	US-PGPUB;	09:25
		international business machines).as. not bowman.in. and hierarch\$4 with system and	EPO; JPO; IBM TDB	
		file with system and resource with	IDII_IDB	,
		manag\$4 with hierarch\$4		
-	0	transaction with manag\$4 and file with	USPAT;	2004/04/20
Ì		resource with manag\$4 not (ibm	US-PGPUB;	09:25
		international business machines).as. not bowman.in. and hierarch\$4 with system and	EPO; JPO; IBM TDB	
		file with system and resource with		
1		manag\$4 with hierarch\$4 and hierarchical		
-	10		USPAT;	2004/04/20
-		international business machines).as. not bowman.in. and hierarch\$4 with system and	US-PGPUB; EPO; JPO;	09:34
		file with system and resource with	IBM TDB	
		manag\$4 with hierarch\$4 and hierarchical		
-	4	file with resource with manag\$4 not (ibm	USPAT;	2004/04/20
		international business machines).as. not	US-PGPUB; EPO; JPO;	09:37
		bowman.in. and hierarch\$4 with system and file with system and resource with	IBM_TDB	
		manag\$4 with hierarch\$4 and hierarchical		
		and transaction		

	32	resource with manag\$4 not (ibm	USPAT;	2004/04/20
1		international business machines).as. not	US-PGPUB;	09:37
		bowman.in. and hierarch\$4 with system and	EPO; JPO;	
		file with system and resource with	IBM TDB	
		manag\$4 with hierarch\$4 and hierarchical		
		and transaction		
	32	l	USPAT;	2004/04/20
· ·	32	system and file with system and resource	US-PGPUB;	09:39
		with manag\$4 with hierarch\$4 and	EPO; JPO;	03.33
		With managh4 with hierarchia and	IBM TDB	
	ļ.	hierarchical and transaction not (ibm	I TOM_TOB	1
		international business machines).as. not		
	_	bowman.in.		2004/04/20
_	5	resource with manag\$4 and hierarch\$4 with	USPAT;	2004/04/20
		system and file with system and resource	US-PGPUB;	09:46
		with manag\$4 with hierarch\$4 and	EPO; JPO;	
		hierarchical and transaction with manag\$4	IBM_TDB	
		not (ibm international business		
		machines).as. not bowman.in.		
-	13		USPAT;	2004/04/20
1		manag\$4 with hierarchical with (file	US-PGPUB;	09:46
		system) not (ibm international business	EPO; JPO;	
		machines).as. not bowman.in.	IBM TDB	
_	0	file with resource with manager and	USPAT;	2004/04/20
		manag\$4 with hierarchical with (file	US-PGPUB;	09:47
		system) and transaction with manager not	EPO; JPO;	
		(ibm international business machines).as.	IBM TDB	
		not bowman.in.		
l _	0	file with resource with manager and	USPAT;	2004/04/20
-		manag\$4 with hierarchical with (file	US-PGPUB;	09:47
		system) and transaction with manag\$4 not	EPO; JPO;	""
		(ibm international business machines).as.	IBM TDB	
	1	·	IBM_IDB	
		not bowman.in.	USPAT;	2004/04/20
-	4	file with resource with manager and	US-PGPUB;	09:49
		manag\$4 with hierarchical with (file		09.49
		system) and transaction not (ibm	EPO; JPO;	
		international business machines).as. not	IBM_TDB	
		bowman.in.	***********	2004/04/20
-	13		USPAT;	2004/04/20
		manag\$4 with hierarchical with (file	US-PGPUB;	09:49
		system) not (ibm international business	EPO; JPO;	
	l	machines).as. not bowman.in.	IBM_TDB	